Mr. Ron Terrell
Milestone Contractors, L. P.
5950 South Belmont Avenue
Indianapolis, Indiana 46217

Re: 177-13798-03232
First Significant Revision to
FESOP 177-5632-03232

Dear Mr. Terrell:

Milestone Contractors, L. P. was issued a permit on December 9, 1996 for a hot mix asphalt concrete source, located at 14413 West U.S. 40, Cambridge City, Indiana 47327. A letter requesting changes to this permit was received on January 18, 2001. Pursuant to the provisions of 326 IAC 2-8-11.1 a significant permit revision to this permit is hereby approved as described in the attached Technical Support Document.

The modification consists of the installation of one (1) aggregate dryer burner, with heat input capacity of 103.5 million British thermal Units per hour (mmBtu/hr). This burner will utilize waste oil as the primary fuel with natural gas and No. 2 distillate fuel oil as backups.

Originally FESOP 177-5632-03232 was issued with a 103.5 mmBtu/hr dryer burner, but the FESOP was revised under 177-11573, issued on March 6, 2000 to change this burner size to 85 mmBtu/hr. Now the source proposes to change the 85 mmBtu/hr dryer burner back to the original size of 103.5 mmBtu/hr burner.

The FESOP was revised to incorporate the new dryer burner. Revision is as follows:

1. Section A.2 was revised as follows:

A.2 Emission Units and Pollution Control Summary [326 IAC 2-8-3(c)]
The stationary source consists of the following emission units and pollution control devices:

(a) one (1) aggregate drum mix dryer, and one (1)aggregate drum mixer identified as emission unit Nos. 2a and 2b, with a maximum capacity of 300 tons per hour. The dryer is equipped with one (1) re-refined waste oil fired aggregate dryer burner with a maximum rated capacity of ~~85.0~~ **103.5** million (MM) Btu per hour using natural gas and No. 2 distillate fuel oil as a back-up fuels and one (1) baghouse for air pollution control, exhausting at one (1) stack, identified as S-1;

2. The change in the burner size was also reflected in Section D.1 project description table as follows:

SECTION D.1 FACILITY OPERATION CONDITIONS

(a)	one (1) aggregate drum mix dryer, and one (1)aggregate drum mixer identified as emission unit Nos. 2a and 2b, with a maximum capacity of 300 tons per hour. The dryer is equipped with one (1) re-refined waste oil fired aggregate dryer burner with a maximum rated capacity of ~~85.0~~ **103.5** million (MM) Btu per hour using natural gas and No. 2 distillate fuel oil as a back-up fuels and one (1) baghouse for air pollution control, exhausting at one (1) stack, identified as S-1;
(b)	one (1) drag slat conveyor, one (1) Recycled Asphalt Pavement (RAP) conveyor, one (1) feed conveyor, one (1) scale conveyor, and one (1) screen.

3. Condition D.1.4 on Page 24 of the FESOP was revised as follows:

D.1.4 Sulfur Dioxide (SO_2)

Pursuant to 326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations), sulfur dioxide emissions from the ~~85.0~~ **103.5** million Btu per hour burner for the aggregate dryer shall be limited to 1.6 pounds per million Btu heat input or a sulfur content of less than or equal to 1.31 percent when using re-refined waste oil. The source has accepted a sulfur content limit of 0.75 percent when using re-refined waste oil. When using distillate oil as back-up fuel, the sulfur dioxide emissions from the ~~85.0~~ **103.5** million Btu per hour burner for the aggregate dryer shall be limited to 0.5 pound per million Btu heat input or a sulfur content of less than or equal to 0.49 percent.

4. Condition D.1.5 on Page 24 of the FESOP was revised to reflect the new burner's corresponding fuel usage limit as follows:

D.1.5 Re-refined Waste Oil Usage

Pursuant to 326 IAC 2-8-4(1), the input of re-refined waste oil to the ~~85.0~~ **103.5** million Btu per hour burner for the aggregate dryer shall be limited, in total to ~~1,707,210~~ **1,707,198** U.S. gallons per ~~365 day~~ **twelve-month** period , rolled on a ~~daily~~ **monthly** basis based on a maximum oil sulfur content of 0.75 percent. For purposes of determining compliance, **every million cubic feet of natural gas burned shall be equivalent to 5.4 gallons of re-refined waste oil based on SO_2 emissions and** every 1,000 gallons of No. 2 distillate fuel oil burned shall be equivalent to 626.0 gallons of re-refined waste oil based on SO_2 emissions and a maximum sulfur content of 0.49 percent such that the total gallons of re-refined waste oil and re-refined waste oil equivalent input does not exceed the limit specified. During the first ~~365 days~~ **twelve months** of operation under this permit, the input of re-refined waste oil and re-refined waste oil equivalents shall be limited such that the total gallons divided by the accumulated ~~days~~ **months** of operation shall not exceed ~~4,677~~ **142,266.5** U.S. gallons per ~~day~~ **month**. Therefore, the requirements of 326 IAC 2-7 will not apply.

5. The following condition was added and numbered D.1.6, to limit the new burner's natural gas usage:

D.1.6 Natural Gas Usage

Pursuant to 326 IAC 2-8-4(1), the input of natural gas to the 103.5 million Btu per hour burner for the aggregate dryer shall be limited, in total, to 354.8 million cubic feet (MMCF) per ~~365-day~~ twelve-month period, rolled on a ~~daily~~ monthly basis. For purposes of determining compliance, every 1,000 gallons of No. 2 distillate fuel oil burned shall be equivalent to 0.036 MMCF of natural gas based on NO_x emissions and 0.49 percent sulfur content of fuel and every 1,000 gallons of re-refined waste oil burned shall be equivalent to 0.035 MMCF of natural gas based on NO_x emissions and 0.75% sulfur content such that the total MMCF of natural gas and natural gas equivalents input does not exceed the limit specified. During the first ~~365 days~~ twelve months of operation under this permit, the input of natural gas and natural gas equivalents shall be limited such that the total MMCF divided by the accumulated ~~days~~ months of operation shall not exceed ~~0.972~~ 29.5 MMCF per ~~day~~ month. Therefore, the requirements of 326 IAC 2-7 will not apply.

6. Condition D.1.8 was revised to reflect the new size of the dryer burner.

D.1.8 Sulfur Dioxide Emissions and Sulfur Content
The Permittee shall test for:

(a) Sulfur content of oil burned as fuel by the ~~85.0~~ **103.5** million Btu per hour burner for the aggregate dryer using 40 CFR Part 60 Appendix A, Method 19 for each load of oil delivered; or

(b) Sulfur dioxide emissions from the ~~85.0~~ **103.5** million Btu per hour burner for the aggregate dryer using 40 CFR Part 60 Appendix A, Method 6 each time a test to comply with Condition D.1.6 is performed.

Sulfur content tests may be made by the oil supplier.

7. The following condition was added numbered Condition D.1.17:

D.1.17 Natural Gas Usage

(a) Complete and sufficient records shall be kept to establish compliance with the natural gas usage limit established in this permit and contain a minimum of the following:

(1) Calendar dates covered in the compliance determination period not to exceed 31 days; and

(2) Monthly usage and calculated natural gas equivalent.

8. The following reporting form for the natural gas usage limitation was added in the permit and paged 34.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
COMPLIANCE DATA SECTION

FESOP Quarterly Report

Source Name: Milestone Contractors, L.P.
Source Address: 14413 West U.S. 40, Cambridge City, Indiana 47327
FESOP No.: F177-5632-03178
Facility: 103.5 million Btu/hr burner for the aggregate dryer
Parameter: sulfur dioxide (SO_2)
Limits: Sulfur content of No. 2 distillate fuel not to exceed 0.49%; sulfur content of re-refined waste oil not to exceed 0.75%; and 1,707,198 gallons of re-refined waste oil and re-refined waste oil equivalent per 12-month period. For the purposes of determining compliance, every million cubic feet of natural gas burned shall be equivalent to 5.4 gallons of re-refined waste oil based on SO_2 emissions and every 1,000 gallons of No. 2 distillate fuel oil burned shall be equivalent to 626.0 gallons of re-refined waste oil based on SO_2 emissions and a maximum sulfur content of 0.49 percent such that the total gallons of re-refined waste oil and re-refined waste oil equivalent input does not exceed the limit specified. During the first twelve months of operation under this permit, the input of re-refined waste oil and re-refined waste oil equivalents shall be limited such that the total gallons divided by the accumulated months of operation shall not exceed 142,266.5 U.S. gallons per month.

Year: _____

~~Day~~ Month	Fuel Type	Sulfur Content of Fuel Oils (%)	Heat Content of Fuel Oils (Btu/gal)	Re-refined W.O. & Equivalent Fuel Usage (gallons/~~day~~ month)	Re-refined W.O. & Equivalent Fuel Usage last ~~365 Days~~ 12 months (gallons)	~~Day~~	~~Fuel Type~~	~~Sulfur Content of Fuel Oils (%)~~	~~Heat Content of Fuel Oils (Btu/gal~~	~~Re-refined W.O. & Equivalent Fuel Usage (gallons /day month)~~	~~Re-refined W.O. & Equivalent Fuel Usage last 365 Days 12 months (gallons)~~
Month 1						~~17~~					
Month 2						~~18~~					
Month 3						~~19~~					
~~4~~						~~20~~					
~~5~~						~~21~~					
~~6~~						~~22~~					
~~7~~						~~23~~					
~~8~~						~~24~~					
~~9~~						~~25~~					
~~10~~						~~26~~					
~~11~~						~~27~~					
~~12~~						~~28~~					
~~13~~						~~29~~					
~~14~~						~~30~~					

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.
Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
COMPLIANCE DATA SECTION
FESOP Quarterly Report

Source Name: Milestone Contractors, L.P.
Source Address: 14413 West U.S. 40, Cambridge City, Indiana 47327
FESOP No.: F177-5632-03178
Facility: 103.5 million Btu/hr burner for the aggregate dryer
Parameter: Oxides of nitrogen (NO_X)
Limits: 354.8 million cubic feet (MMCF) of natural gas and natural gas equivalents per ~~365-day~~ **12-month** period, rolled on a ~~daily~~ **monthly** basis. For purposes of determining compliance, every 1,000 gallons of No. 2 distillate fuel oil with a sulfur content of 0.49% burned shall be equivalent to 0.036 MMCF of natural gas based on NO_X emissions and every 1,000 gallons of re-refined waste oil with a sulfur content of 0.75% burned shall be equivalent to 0.035 MMCF of natural gas based on NO_X emissions.
~~0.97~~ **29.5** MMCF per ~~day~~ **month** for the first ~~365 days~~ **12-month** of operation under this permit.

Month: _____ **Year:** _____

~~Day~~ Month	Fuel Type	Sulfur Content of Fuel Oils (%)	Heat Content of Fuel Oils (Btu/gal)	Natural Gas & Equivalent Fuel Usage (MMCF/~~day~~ **month)**	Natural Gas & Equivalent Fuel Usage last ~~365 Days~~ **12 months** (MMCF)	~~Day~~	~~Fuel Type~~	~~Sulfur Content of Fuel Oils (%)~~	~~Heat Content of Fuel Oils (Btu/gal~~	~~Natural Gas & Equivalent Fuel Usage (MMCF/day month)~~	~~Natural Gas & Equivalent Fuel Usage last 365 Day 12 months (MMCF)~~
Month 1						~~17~~					
Month 2						~~18~~					
Month 3						~~19~~					
~~4~~						~~20~~					
~~5~~						~~21~~					
~~6~~						~~22~~					
~~7~~						~~23~~					
~~8~~						~~24~~					
~~9~~						~~25~~					
~~10~~						~~26~~					
~~11~~						~~27~~					
~~12~~						~~28~~					
~~13~~						~~29~~					
~~14~~						~~30~~					
~~15~~						~~31~~					
~~16~~											

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.
Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

The following construction conditions are applicable to the proposed project:

1. General Construction Conditions
The data and information supplied with the application shall be considered part of this source modification approval. Prior to any proposed change in construction which may affect the potential to emit (PTE) of the proposed project, the change must be approved by the Office of Air Quality (OAQ).

2. This approval to construct does not relieve the permittee of the responsibility to comply with the provisions of the Indiana Environmental Management Law (IC 13-11 through 13-20; 13-22 through 13-25; and 13-30), the Air Pollution Control Law (IC 13-17) and the rules promulgated thereunder, as well as other applicable local, state, and federal requirements.

3. Effective Date of the Permit
Pursuant to IC 13-15-5-3, this approval becomes effective upon its issuance.

4. Pursuant to 326 IAC 2-1.1-9 (Revocation), the Commissioner may revoke this approval if construction is not commenced within eighteen (18) months after receipt of this approval or if construction is suspended for a continuous period of one (1) year or more.

5. All requirements and conditions of this construction approval shall remain in effect unless modified in a manner consistent with procedures established pursuant to 326 IAC 2.

Pursuant to 326 IAC 2-8-11.1, this permit shall be revised by incorporating the significant permit revision into the permit. All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this modification and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Aida De Guzman, OAQ, 100 North Senate Avenue, P.O. Box 6015, Indianapolis, Indiana, 46206-6015, or call at (800) 451-6027, press 0 and ask for Aida De Guzman or extension (3-4972), or dial (317) 233-4972.

Sincerely,

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments
APD
cc: File -Wayne County
U.S. EPA, Region V
Wayne County Health Department
Air Compliance Section Inspector - Warren Greiling
Compliance Data Section - Karen Nowak
Administrative and Development - Janet Mobley
Technical Support and Modeling - Michele Boner

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT (FESOP) OFFICE OF AIR QUALITY

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

100 North Senate Avenue, P. O. Box 6015
Indianapolis, Indiana 46206-6015
Phone: 1-800-451-6027

Milestone Contractors, L.P.
14413 West U.S. 40
Cambridge City, Indiana 47327

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the facilities listed in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 and contains the conditions and provisions specified in 326 IAC 2-8 and 40 CFR Part 70.6 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments) and IC 13-15 and IC 13-17 (prior to July 1, 1996, IC 13-1-1-4 and IC 13-7-10).

Operation Permit No.: F177-5632-03178	
Issued by: Felicia R. George, Assistant Commissioner Office of Air Management	Issuance Date:

First Administrative Amendment: 177-8404 , issued April 16, 1997
Second Administrative Amendment: 177-8418, issued April 18, 1997
Third Administrative Amendment: 177-1047, issued March 8, 1999
First Minor Permit Revision: 177-11573, issued March 6, 2000

First Significant Permit Revision: 177-13798	Pages affected:
Issued by: Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date:

SECTION A SOURCE SUMMARY

A.1 General Information [326 IAC 2-8-3(c)]
The Permittee owns and operates a hot mix asphalt concrete source.

Responsible Official:	Ron Terrell, Senior Manager Asphalt Plants
Source Address:	14413 West U.S. 40, Cambridge City, Indiana 47327
Mailing Address:	P.O. Box 421459, Indianapolis, Indiana 46242-1459
SIC Code:	2951
County Location:	Wayne
County Status:	Attainment for all criteria pollutants
Source Status:	Synthetic Minor Source, FESOP Program

A.2 Emission Units and Pollution Control Summary [326 IAC 2-8-3(c)]
The stationary source consists of the following emission units and pollution control devices:

(a) one (1) aggregate drum mix dryer, and one (1)aggregate drum mixer identified as emission unit Nos. 2a and 2b, with a maximum capacity of 300 tons per hour. The dryer is equipped with one (1) re-refined waste oil fired aggregate dryer burner with a maximum rated capacity of 103.5 million (MM) Btu per hour using natural gas and No. 2 distillate fuel oil as a back-up fuels and one (1) baghouse for air pollution control, exhausting at one (1) stack, identified as S-1;
(b) one (1) drag slat conveyor, one (1) Recycled Asphalt Pavement (RAP) conveyor, one (1) feed conveyor, one (1) scale conveyor, and one (1) screen;
(c) one (1) liquid asphalt storage tank, identified as Tanks 11, with a maximum storage capacity of 20,000 gallons, exhausting at one (1) stack, identified as V-3; and
(d) cold-mix (stockpile mix) asphalt storage piles.

A.3 Insignificant Activities [326 IAC 2-8-3(c)(3)(I)]
This stationary source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(20):

(a) two (2) asphalt storage tank heaters, identified as emission unit Nos. 12 and 14, each burning natural gas or No. 2 distillate fuel oil, each rated at 1.4 and 0.864 MMBtu/hr, respectively, and each exhausting at two (2) stacks, identified as S-2A, S-2B, S-4A and S-4B, respectively;
(b) one (1) re-refined waste oil storage tank, identified as Tank 10, with a maximum storage capacity of 20,000 gallons, exhausting at one (1) stack, identified as V-6;
(c) one (1) liquid asphalt storage tank, identified as Tank 13, with a maximum storage capacity of 25,000 gallons, exhausting at one (1) stack, identified as V-5;
(d) one (1) cold feed system consisting of six (6) compartments with a total aggregate holding capacity of 150 tons;
(e) three (3) hot mix asphalt cement storage silos, each with a maximum storage capacity of 200 tons;
(f) one (1) RAP feed bin;
(g) aggregate storage piles, with a maximum storage capacity of 22,000 tons;
(h) propane or liquefied petroleum gas, or butane-fired combustion sources with heat input equal to or less than 6.0 MMBtu/hr;
(i) Volatile Organic Compound (VOC) and Hazardous Air Pollutant (HAP) storage tanks with capacity less than or equal to 1,000 gallons and annual throughput less than 12,000 gallons;

SECTION D.1 FACILITY OPERATION CONDITIONS

(a)	one (1) aggregate drum mix dryer, and one (1)aggregate drum mixer identified as emission unit Nos. 2a and 2b, with a maximum capacity of 300 tons per hour. The dryer is equipped with one (1) re-refined waste oil fired aggregate dryer burner with a maximum rated capacity of 103.5 million (MM) Btu per hour using natural gas and No. 2 distillate fuel oil as a back-up fuels and one (1) baghouse for air pollution control, exhausting at one (1) stack, identified as S-1;
(b)	one (1) drag slat conveyor, one (1) Recycled Asphalt Pavement (RAP) conveyor, one (1) feed conveyor, one (1) scale conveyor, and one (1) screen.

Emissions Limitations and Standards [326 IAC 2-8-4(1)] [326 IAC 6-3] [326 IAC 12] [40 CFR Part 60.90]

D.1.1 Particulate Matter

State: Pursuant to 326 IAC 6-3 (Process Operations) and 326 IAC 2-8-4 (FESOP), the particulate matter emissions from the aggregate mixing and drying operation shall not exceed 40.2 pounds per hour.

Federal: Pursuant to 326 IAC 12, (40 CFR Part 60.90, Subpart I) "Standards of Performance for Hot Mix Asphalt Facilities", the particulate matter emissions from the mixing and drying operations shall be limited to 0.04 grains per dry standard cubic foot (gr/dscf).

D.1.2 Particulate Matter Less Than Ten Microns (PM-10)

Pursuant to 326 IAC 2-8-4, particulate matter less than ten microns (PM10) emissions from the aggregate mixing and drying operation shall not exceed 16.7 pounds per hour, including both filterable and condensible fractions. Compliance with this limit will satisfy 326 IAC 2-8-4. Therefore, the Part 70 rules (326 IAC 2-7) do not apply.

D.1.3 Opacity

Pursuant to 326 IAC 12, (40 CFR Part 60.92, Subpart I) "Standards of Performance for Hot Mix Asphalt Facilities", the mixing and drying operations shall not discharge or cause the discharge into the atmosphere any gases which exhibit 20% opacity or greater.

D.1.4 Sulfur Dioxide (SO_2)

Pursuant to 326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations), sulfur dioxide emissions from the 103.5 million Btu per hour burner for the aggregate dryer shall be limited to 1.6 pounds per million Btu heat input or a sulfur content of less than or equal to 1.31 percent when using re-refined waste oil. The source has accepted a sulfur content limit of 0.75 percent when using re-refined waste oil. When using distillate oil as back-up fuel, the sulfur dioxide emissions from the 103.5 million Btu per hour burner for the aggregate dryer shall be limited to 0.5 pound per million Btu heat input or a sulfur content of less than or equal to 0.49 percent.

Pursuant to 326 IAC 7-1.1-2, this sulfur dioxide limit applies at all times including periods of startup, shutdown, and malfunction.

D.1.5 Re-refined Waste Oil Usage

Pursuant to 326 IAC 2-8-4(1), the input of re-refined waste oil to the 103.5 million Btu per hour burner for the aggregate dryer shall be limited, in total to 1,707,198 U.S. gallons per twelve-month period , rolled on a monthly basis based on a maximum oil sulfur content of 0.75 percent. For purposes of determining compliance, every million cubic feet of natural gas burned shall be equivalent to 5.4 gallons of re-refined waste oil based on SO_2 emissions and every 1,000 gallons of No. 2 distillate fuel oil burned shall be equivalent to 626.0 gallons of re-refined waste oil based on SO_2 emissions and a maximum sulfur content of 0.49 percent such that the total gallons of re-refined waste oil and re-refined waste oil equivalent input does not exceed the limit specified. During the first twelve months of operation under this permit, the input of re-refined waste oil and re-refined waste oil equivalents shall be limited such that the total gallons divided by the accumulated months of operation shall not exceed 142,266.5 U.S. gallons per month. Therefore, the requirements of 326 IAC 2-7 will not apply.

D.1.6 Natural Gas Usage

Pursuant to 326 IAC 2-8-4(1), the input of natural gas to the 103.5 million Btu per hour burner for the aggregate dryer shall be limited, in total, to 354.8 million cubic feet (MMCF) per twelve-month period, rolled on a monthly basis. For purposes of determining compliance, every 1,000 gallons of No. 2 distillate fuel oil burned shall be equivalent to 0.036 MMCF of natural gas based on NO_X emissions and 0.49 percent sulfur content of fuel and every 1,000 gallons of re-refined waste oil burned shall be equivalent to 0.035 MMCF of natural gas based on NO_X emissions and 0.75% sulfur content such that the total MMCF of natural gas and natural gas equivalents input does not exceed the limit specified. During the first twelve months of operation under this permit, the input of natural gas and natural gas equivalents shall be limited such that the total MMCF divided by the accumulated months of operation shall not exceed 29.5 MMCF per month. Therefore, the requirements of 326 IAC 2-7 will not apply.

Testing Requirements [326 IAC 2-8-4(3)]

D.1.7 Particulate Matter

During the period between 42 and 48 months after issuance of this permit, the Permittee shall perform PM and PM-10 testing utilizing methods per 40 CFR 60 Appendix A, Method 5, 17, 40 CFR Part 51 Appendix M, Methods 201, 201a, 202, as approved by the Commissioner. This test shall be repeated no less than once every five years from the date of this valid compliance demonstration. PM-10 includes filterable and condensible PM-10.

D.1.8 Sulfur Dioxide Emissions and Sulfur Content

The Permittee shall test for:

(a) Sulfur content of oil burned as fuel by the 103.5 million Btu per hour burner for the aggregate dryer using 40 CFR Part 60 Appendix A, Method 19 for each load of oil delivered; or

(b) Sulfur dioxide emissions from the 103.5 million Btu per hour burner for the aggregate dryer using 40 CFR Part 60 Appendix A, Method 6 each time a test to comply with Condition D.1.6 is performed.

Sulfur content tests may be made by the oil supplier.

D.1.13 Broken Bag or Failure Detection
In the event that bag failure has been observed:

(a) The affected compartment shall be shut down immediately until the failed units have been repaired or replaced. For single compartment baghouses, failed units and the associated process shall be shutdown immediately until the failed units have been repaired or replaced.

(b) Within eight (8) hours of the determination of failure, response steps according to the timetable described in the Compliance Response Plan shall be initiated. For any failure with corresponding response steps and timetable not described in the Preventive Maintenance Plan, response steps shall be devised within eight (8) hours of discovery of the failure and shall include timatable for completion.

D.1.14 Sampling and Analysis
Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted. The Permittee shall analyze the oil sample to determine the sulfur content of the oil in accordance with 326 IAC 3-3-4. If a partially empty fuel tank is refilled, a new sample and analysis is required upon filling. Vendor analysis of the fuel oil is acceptable, in lieu of the above, if accompanied by a certification.

Record Keeping and Reporting Requirements [326 IAC 2-8-4(3)]

D.1.15 Operational Parameters
The Permittee shall maintain a daily record for the baghouse controlling particulate matter emissions from asphalt mixing and aggregate drying operations of the following values:

(a) Inlet and outlet differential static pressure;

(b) Visible observations;

(c) Checklist with dates and initials for each preventive action performed; and

(d) Records of corrective actions.

D.1.16 Re-refined Waste Oil Usage

(a) Complete and sufficient records shall be kept to establish compliance with the re-refined waste oil usage limits and sulfur dioxide emission limit established in this permit and contain a minimum of the following:

(1) Calendar dates covered in the compliance determination period;

(2) Monthly usage and calculated re-refined waste oil equivalent.

(3) A certification, signed by the owner or operator, that the records of the fuel supplier certifications represent all of the fuel combusted during the period; and

(4) Fuel supplier certifications.

(b) The supplier certification shall contain, as a minimum, the following:

(1) The name of the oil supplier; and

(2) A statement from the oil supplier that certifies the sulfur content and heat content of the fuel oil.

D.1.17 Natural Gas Usage

(a) Complete and sufficient records shall be kept to establish compliance with the natural gas usage limit established in this permit and contain a minimum of the following:

(1) Calendar dates covered in the compliance determination period; and

(2) Monthly usage and calculated natural gas equivalent.

D.1.18 Re-refined Waste Oil Usage

The burning of waste oil in the aggregate dryer burner shall comply with 326 IAC 13 (Standards of the management of waste oil). The burning of hazardous waste, as defined by 40 CFR 261, and the burning of used oil that has been mixed with hazardous waste, is prohibited at this facility.

D.1.19 Quarterly Reporting

A quarterly summary to document compliance with operation conditions numbers D.1.4, D.1.5, and D.1.6 shall be submitted, to the address using the enclosed forms or their equivalent, within thirty (30) days after the end of the quarter being reported.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
COMPLIANCE DATA SECTION

FESOP Quarterly Report

Source Name: Milestone Contractors, L.P.
Source Address: 14413 West U.S. 40, Cambridge City, Indiana 47327
FESOP No.: F177-5632-03178
Facility: 103.5 million Btu/hr burner for the aggregate dryer
Parameter: sulfur dioxide (SO_2)
Limits: Sulfur content of No. 2 distillate fuel not to exceed 0.49%; sulfur content of re-refined waste oil not to exceed 0.75%; and 1,707,198 gallons of re-refined waste oil and re-refined waste oil equivalent per 12-month period. For the purposes of determining compliance, every million cubic feet of natural gas burned shall be equivalent to 5.4 gallons of re-refined waste oil based on SO_2 emissions and every 1,000 gallons of No. 2 distillate fuel oil burned shall be equivalent to 626.0 gallons of re-refined waste oil based on SO_2 emissions and a maximum sulfur content of 0.49 percent such that the total gallons of re-refined waste oil and re-refined waste oil equivalent input does not exceed the limit specified. During the first twelve months of operation under this permit, the input of re-refined waste oil and re-refined waste oil equivalents shall be limited such that the total gallons divided by the accumulated months of operation shall not exceed 142,266.5 U.S. gallons per month.

Month: _____ **Year:** _____

Month	Fuel Type	Sulfur Content of Fuel Oils (%)	Heat Content of Fuel Oils (Btu/gal)	Re-refined W.O. & Equivalent Fuel Usage (gallons/month)	Re-refined W.O. & Equivalent Fuel Usage last 12 months (gallons)
Month 1					
Month 2					
Month 3					

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.
Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
COMPLIANCE DATA SECTION

FESOP Quarterly Report

Source Name: Milestone Contractors, L.P.
Source Address: 14413 West U.S. 40, Cambridge City, Indiana 47327
FESOP No.: F177-5632-03178
Facility: 103.5 million Btu/hr burner for the aggregate dryer
Parameter: sulfur dioxide (SO_2)
Limits: 354.8 million cubic feet (MMCF) of natural gas and natural gas equivalents per 12-month period, rolled on a monthly basis. For purposes of determining compliance, every 1,000 gallons of No. 2 distillate fuel oil with a sulfur content of 0.49% burned shall be equivalent to 0.036 MMCF of natural gas based on NO_X emissions and every 1,000 gallons of re-refined waste oil with a sulfur content of 0.75% burned shall be equivalent to 0.035 MMCF of natural gas based on NO_X emissions.
29.5 MMCF per month for the first 12-month of operation under this permit.

Month: _____ **Year:** _____

Month	Fuel Type	Sulfur Content of Fuel Oils (%)	Heat Content of Fuel Oils (Btu/gal)	Natural Gas & Equivalent Fuel Usage (MMCF/ month)	Natural Gas & Equivalent Fuel Usage last 12 months (MMCF)
Month 1					
Month 2					
Month 3					

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.
Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Indiana Department of Environmental Management
Office of Air Quality

Technical Support Document (TSD) for a Significant Permit Revision to a Federally Enforceable State Operating Permit

Source Background and Description

Source Name:	Milestone Contractor, L.P.
Source Location:	14413 West U.S. 40, Cambridge City, Indiana 47327
County:	Wayne
SIC Code:	2951
Operation Permit No.:	177-5632-03232
Operation Permit Issuance Date:	December 9, 1996
Permit Revision No.:	177-13798-03232
Permit Reviewer:	Aida De Guzman

The Office of Air Quality (OAQ) has reviewed a revision application from Milestone Contractor, L.P. relating to the following process changes at the hot mix asphalt concrete source:

(a) The installation of one (1) aggregate dryer burner, with heat input capacity of 103.5 million British thermal Units per hour (mmBtu/hr). This burner will utilize waste oil as the primary fuel with natural gas and No. 2 distillate fuel oil as backups.

Originally FESOP 177-5632-03232 was issued with a 103.5 mmBtu/hr dryer burner, but the FESOP was revised under 177-11573, issued on March 6, 2000 to change this burner size to 85 mmBtu/hr. Now the source proposes to change the 85 mmBtu/hr dryer burner back to the original size of 103.5 mmBtu/hr burner.

Existing Approvals

The source was issued a FESOP F177-5632-03232) on December 6, 1996 . The source has since received the following:

(a) First Administrative Amendment No.: 177-8404, issued on April 16, 1997;

(b) Second Administrative Amendment No.: 177-8418, issued on April 18, 1997;

(c) Third Administrative Amendment No.: 177-10478, issued on March 8, 1999; and

(d) Minor FESOP Revision No.: 177-11573, issued on March 6, 2000.

Recommendation

The staff recommends to the Commissioner that the Significant Permit Revision be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on January 18, 2001.

Emission Calculations

(a) See Appendix A (Page 1 through 4) of this document for detailed emissions calculations

Potential To Emit

Pursuant to 326 IAC 2-1.1-1(16), Potential to Emit is defined as "the maximum capacity of a stationary source to emit any air pollutant under its physical and operational design. Any physical or operational limitation on the capacity of a source to emit an air pollutant, including air pollution control equipment and restrictions on hours of operation or type or amount of material combusted, stored, or processed shall be treated as part of its design if the limitation is enforceable by the U. S. EPA."

The following reflects the maximum potential emissions from the new 103.5 mmBtu/hr dryer burner using natural gas, #2 distillate fuel oil and re-refined waste oil.

Pollutant	Potential To Emit (tons/year)
PM	218.23
PM-10	182.45
SO_2	416.5
VOC	3.78
CO	71.78
NO_x	249.33

Note: For the purpose of determining Title V applicability for particulates, PM-10, not PM, is the regulated pollutant in consideration.

(a) The potential to emit (as defined in 326 IAC 2-1.1-1(16)) of PM, PM10, SO2, and NOx are each at levels greater than 25 tons per year. Therefore, the modification will be subject to the provisions of 326 IAC 2-8-11.1(f), Significant FESOP Revision.

Potential to Emit

The table below summarizes the source's revised total potential to emit, reflecting all limits, of the significant emission units after control. It also reflects the limits that the source has requested in their original FESOP.

	Limited PTE (tons/year)						
Process/ facility	PM	PM-10	SO2	VOC	CO	NOx	HAPs
combustion	0.09	0.07	94.11	0.85	7.10	97.58	2.3e-04
aggregate drying	44.94	10.41	0.00	8.13	0.00	0.00	8.13
bin loading & conveying	0.40	0.19	0.00	0.00	0.00	0.00	0.00
screening & batch drops	1.16	0.55	0.00	0.00	0.00	0.00	0.00
unpaved roads	71.03	24.86	0.00	0.00	0.00	0.00	0.00

storage	1.81	0.63	0.00	0.00	0.00	0.00	0.00
cold mix VOC storage	0.00	0.00	0.00	89.96	0.00	0.00	0.00
insignificant sources	0.14	0.12	4.89	0.05	0.35	1.42	0.00
Total Emissions	119.57	36.84	99.00	99.00	7.45	99.00	8.13

County Attainment Status

The source is located in Wayne County.

Pollutant	Status (attainment, maintenance attainment, or unclassifiable; severe, moderate, or marginal nonattainment)
PM-10	attainment
SO_2	attainment
NO_2	attainment
Ozone	attainment
CO	attainment
Lead	not determined

(a) Volatile organic compounds (VOC) and oxides of nitrogen (NOx) are precursors for the formation of ozone. Therefore, VOC and NO_X emissions are considered when evaluating the rule applicability relating to the ozone standards. Wayne County has been designated as attainment or unclassifiable for ozone.

Federal Rule Applicability

(a) New Source Performance Standards (NSPS)(326 IAC 12 and 40 CFR Part 60)
The NSPS applicability determination made in the original FESOP 177-5632, and in the First Minor Revision 177-11573 stays the same.

(b) National Emissions Standards of Hazardous Air Pollutants (NESHAPs)(326 IAC 14 and 40 CFR 63).
There are no NESHAPs applicable to this modification.

State Rule Applicability - Entire Source

There is no change to the state rules applicability determination made in the original FESOP 177-5632, and in the First Minor Revision 177-11573.

State Rule Applicability - Individual Facilities

(a) 326 IAC 6-3 (Process Operations)
The applicability determination made in the First Minor Revision 177-11573 will stay the same.

(b) 326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations)
The sulfur dioxide emissions from the 103.5 MMBtu/hr dryer and the 1.4 and 0.864 MMBtu/hr asphalt storage tank heaters burning distillate oil shall be limited to 0.5 lb/MMBtu heat input. This equates to a fuel oil sulfur content limit of 0.49%. Therefore, the sulfur content of the fuel must be less than or equal to 0.49% in order to comply with this rule (See Appendix A, for detailed calculations). The source will comply with this rule

by using No. 2 distillate oil with a sulfur content of 0.486% or less in the dryer and tank heaters.

The sulfur dioxide emissions from the 103.5 MMBtu/hr dryer burning re-refined waste oil shall be limited to 1.6 lb/MMBtu/hr heat input. This equates to a fuel oil sulfur content limit of 1.28%. Therefore, the sulfur content of the fuel must be less than or equal to 1.28% in order to comply with this rule (See Appendix A, for detailed calculations). The source will comply with this rule by using re-refined waste oil with a sulfur content of 0.75%.

Changes to the FESOP:

1. Section A.2 was revised as follows:

A.2 Emission Units and Pollution Control Summary [326 IAC 2-8-3(c)]
The stationary source consists of the following emission units and pollution control devices:

(a) one (1) aggregate drum mix dryer, and one (1)aggregate drum mixer identified as emission unit Nos. 2a and 2b, with a maximum capacity of 300 tons per hour. The dryer is equipped with one (1) re-refined waste oil fired aggregate dryer burner with a maximum rated capacity of ~~85.0~~ **103.5** million (MM) Btu per hour using natural gas and No. 2 distillate fuel oil as a back-up fuels and one (1) baghouse for air pollution control, exhausting at one (1) stack, identified as S-1;

2. The change in the burner size was also reflected in Section D.1 project description table as follows:

SECTION D.1 FACILITY OPERATION CONDITIONS

(a)	one (1) aggregate drum mix dryer, and one (1)aggregate drum mixer identified as emission unit Nos. 2a and 2b, with a maximum capacity of 300 tons per hour. The dryer is equipped with one (1) re-refined waste oil fired aggregate dryer burner with a maximum rated capacity of ~~85.0~~ **103.5** million (MM) Btu per hour using natural gas and No. 2 distillate fuel oil as a back-up fuels and one (1) baghouse for air pollution control, exhausting at one (1) stack, identified as S-1;
(b)	one (1) drag slat conveyor, one (1) Recycled Asphalt Pavement (RAP) conveyor, one (1) feed conveyor, one (1) scale conveyor, and one (1) screen.

3. Condition D.1.4 on Page 24 of the FESOP was revised as follows:

D.1.4 Sulfur Dioxide (SO_2)
Pursuant to 326 IAC 7-1.1 (Sulfur Dioxide Emission Limitations), sulfur dioxide emissions from the ~~85.0~~ **103.5** million Btu per hour burner for the aggregate dryer shall be limited to 1.6 pounds per million Btu heat input or a sulfur content of less than or equal to 1.31 percent when using re-refined waste oil. The source has accepted a sulfur content limit of 0.75 percent when using re-refined waste oil. When using distillate oil as back-up fuel, the sulfur dioxide emissions from the ~~85.0~~ **103.5** million Btu per hour burner for the aggregate dryer shall be limited to 0.5 pound per million Btu heat input or a sulfur content of less than or equal to 0.49 percent.

4. Condition D.1.5 on Page 24 of the FESOP was revised to reflect the new burner's corresponding fuel usage limit as follows:

D.1.5 Re-refined Waste Oil Usage
Pursuant to 326 IAC 2-8-4(1), the input of re-refined waste oil to the ~~85.0~~ **103.5** million Btu per hour burner for the aggregate dryer shall be limited, in total to ~~1,707,210~~

1,707,198 U.S. gallons per 365 day period , rolled on a daily basis based on a maximum oil sulfur content of 0.75 percent. For purposes of determining compliance, **every million cubic feet of natural gas burned shall be equivalent to 5.4 gallons of re-refined waste oil based on SO_2 emissions and** every 1,000 gallons of No. 2 distillate fuel oil burned shall be equivalent to 626.0 gallons of re-refined waste oil based on SO_2 emissions and a maximum sulfur content of 0.49 percent such that the total gallons of re-refined waste oil and re-refined waste oil equivalent input does not exceed the limit specified. During the first 365 days of operation under this permit, the input of re-refined waste oil and re-refined waste oil equivalents shall be limited such that the total gallons divided by the accumulated days of operation shall not exceed 4,677 U.S. gallons per day. Therefore, the requirements of 326 IAC 2-7 will not apply.

5. The following condition was added and numbered D.1.6, to limit the new burner's natural gas usage:

D.1.6 Natural Gas Usage

Pursuant to 326 IAC 2-8-4(1), the input of natural gas to the 103.5 million Btu per hour burner for the aggregate dryer shall be limited, in total, to 354.8 million cubic feet (MMCF) per 365-day period, rolled on a daily basis. For purposes of determining compliance, every 1,000 gallons of No. 2 distillate fuel oil burned shall be equivalent to 0.036 MMCF of natural gas based on NO_x emissions and 0.49 percent sulfur content of fuel and every 1,000 gallons of re-refined waste oil burned shall be equivalent to 0.035 MMCF of natural gas based on NO_x emissions and 0.75% sulfur content such that the total MMCF of natural gas and natural gas equivalents input does not exceed the limit specified. During the first 365 days of operation under this permit, the input of natural gas and natural gas equivalents shall be limited such that the total MMCF divided by the accumulated days of operation shall not exceed 0.972 MMCF per day. Therefore, the requirements of 326 IAC 2-7 will not apply.

Pursuant to 326 IAC 7-1.1-2, this sulfur dioxide limit applies at all times including periods of startup, shutdown, and malfunction.

6. Condition D.1.8 was revised to reflect the new size of the dryer burner.

D.1.8 Sulfur Dioxide Emissions and Sulfur Content

The Permittee shall test for:

(a) Sulfur content of oil burned as fuel by the ~~85.0~~ **103.5** million Btu per hour burner for the aggregate dryer using 40 CFR Part 60 Appendix A, Method 19 for each load of oil delivered; or

(b) Sulfur dioxide emissions from the ~~85.0~~ **103.5** million Btu per hour burner for the aggregate dryer using 40 CFR Part 60 Appendix A, Method 6 each time a test to comply with Condition D.1.6 is performed.

Sulfur content tests may be made by the oil supplier.

7. The following condition was added numbered Condition D.1.17:

D.1.17 Natural Gas Usage

(a) Complete and sufficient records shall be kept to establish compliance with the natural gas usage limit established in this permit and contain a minimum of the following:

(1) Calendar dates covered in the compliance determination period not to exceed 31 days; and

(2) Monthly usage and calculated natural gas equivalent.

8. The following reporting form for the natural gas usage limitation was added in the permit and paged 34.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
COMPLIANCE DATA SECTION

FESOP Quarterly Report

Source Name: Milestone Contractors, L.P.
Source Address: 14413 West U.S. 40, Cambridge City, Indiana 47327
FESOP No.: F177-5632-03178
Facility: 103.5 million Btu/hr burner for the aggregate dryer
Parameter: Oxides of nitrogen (NO_X)
Limits: 354.8 million cubic feet (MMCF) of natural gas and natural gas equivalents per 365-day period, rolled on a daily basis. For purposes of determining compliance, every 1,000 gallons of No. 2 distillate fuel oil with a sulfur content of 0.49% burned shall be equivalent to 0.036 MMCF of natural gas based on NO_X emissions and every 1,000 gallons of re-refined waste oil with a sulfur content of 0.75% burned shall be equivalent to 0.035 MMCF of natural gas based on NO_X emissions.
0.97 MMCF per day for the first 365 days of operation under this permit.

Month: _____ **Year:** _____

Day	Fuel Type	Sulfur Content of Fuel Oils (%)	Heat Content of Fuel Oils (Btu/gal)	Natural Gas & Equivalent Fuel Usage (MMCF/day	Natural Gas & Equivalent Fuel Usage last 365 Day (MMCF)	Day	Fuel Type	Sulfur Content of Fuel Oils (%)	Heat Content of Fuel Oils (Btu/gal	Natural Gas & Equivalent Fuel Usage (MMCF/day	Natural Gas & Equivalen Fuel Usage last 365 Day (MMCF)
1						17					
2						18					
3						19					
4						20					
5						21					
6						22					
7						23					
8						24					
9						25					
10						26					
11						27					
12						28					
13						29					
14						30					
15						31					
16											

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.
Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

Compliance Requirements

Permits issued under 326 IAC 2-8 are required to ensure that sources can demonstrate compliance with applicable state and federal rules on a more or less continuous basis. All state and federal rules contain compliance provisions, however, these provisions do not always fulfill the requirement for a more or less continuous demonstration. When this occurs IDEM, OAQ, in conjunction with the source, must develop specific conditions to satisfy 326 IAC 2-8-4. As a result, compliance requirements are divided into two sections: Compliance Determination Requirements and Compliance Monitoring Requirements.

Compliance Determination Requirements in Section D of the permit are those conditions that are found more or less directly within state and federal rules and the violation of which serves as grounds for enforcement action. If these conditions are not sufficient to demonstrate continuous compliance, they will be supplemented with Compliance Monitoring Requirements, also Section D of the permit. Unlike Compliance Determination Requirements, failure to meet Compliance Monitoring conditions would serve as a trigger for corrective actions and not grounds for enforcement action. However, a violation in relation to a compliance monitoring condition will arise through a source's failure to take the appropriate corrective actions within a specific time period.

The compliance monitoring requirements applicable to this source are as follows:

1. The combustion of re-refined waste oil, natural gas, and No. 2 distillate fuel oil has applicable compliance monitoring conditions as specified below:

    a) the consumption of re-refined waste oil and its equivalents for the entire source must be limited to 1,707,198 U.S. gallons per year, based on a maximum sulfur content of 0.75% for re-refined waste oil and a maximum sulfur content of 0.49% for No. 2 distillate fuel oil, and the consumption of natural gas and its equivalents for the entire source must be limited to 354.8 million cubic feet per year, in order to ensure compliance with 326 IAC 2-8 (FESOP).

    b) Quarterly reports shall be submitted to OAQ. These reports shall include:
        (1) the monthly usages of re-refined waste oil, natural gas, and No. 2 distillate fuel oil expressed as re-refined waste oil equivalents in gallons for SO_2 emissions and natural gas equivalents in MMCF for NO_X emissions; and

        (2) sulfur content and heating value of the fuel oils.

    These monitoring conditions are necessary because SO_2 and NO_X emissions from the combustion of re-refined waste oil, natural gas, and No. 2 fuel oil must be limited to below the Title V major source level of 100 tons per year. Additionally, the sulfur content of the fuel oils must comply with 326 IAC 7-1.1. The source must demonstrate compliance with the FESOP limit and also with limits established in 326 IAC 2-8-4 and 326 IAC 7-1.1.

Conclusion

This permit revision shall be subject to the conditions of the attached proposed **Significant FESOP Revision No. 177-13798-03232.**

Indiana Department of Environmental Management
Office of Air Quality

Addendum to the
Technical Support Document for Significant Revision to a Federally Enforceable State Operating Permit (FESOP)

Milestone Contractors, L.P.

F-177-5632-03232
Significant FESOP Revision 177-13789

On March 23, 2001, the Office of Air Quality (OAQ) had a notice published in the Palladium-Item Richmond, Indiana, stating that Milestone Contractors, L.P. had applied for a Significant Revision to a Federally Enforceable State Operating Permit (FESOP) for the installation of one (1) aggregate dryer burner, with heat input capacity of 103.5 million British thermal Units per hour (mmBtu/hr). This burner size was originally permitted in the issued FESOP 177-5632-03232, but was changed to size 85 mmBtu/hr in a Minor FESOP Revision. Now the source proposes to change the 85 mmBtu/hr dryer burner back to the original size of 103.5 mmBtu/hr burner. The notice also stated that OAQ proposed to issue a permit for this operation and provided information on how the public could review the proposed permit and other documentation. Finally, the notice informed interested parties that there was a period of thirty (30) days to provide comments on whether or not this permit should be issued as proposed.

On April 16, 2001, Milestone Contractors, L.P. submitted comments on the proposed FESOP. The summary of the comments is as follows:

1. Comment: Milestone requests that the 365-day rolling averaging time proposed in the permit revision be changed to twelve-month rolling.

2. Response: The IDEM, OAQ has changed the 365-day rolling averaging time referenced in the permit into twelve-month rolling. The permit is revised as follows:

D.1.5 Re-refined Waste Oil Usage

Pursuant to 326 IAC 2-8-4(1), the input of re-refined waste oil to the 103.5 million Btu per hour burner for the aggregate dryer shall be limited, in total to 1,707,198 U.S. gallons per ~~365 day~~ **twelve-month** period , rolled on a ~~daily~~ **monthly** basis based on a maximum oil sulfur content of 0.75 percent. For purposes of determining compliance, every million cubic feet of natural gas burned shall be equivalent to 5.4 gallons of re-refined waste oil based on SO_2 emissions and every 1,000 gallons of No. 2 distillate fuel oil burned shall be equivalent to 626.0 gallons of re-refined waste oil based on SO_2 emissions and a maximum sulfur content of 0.49 percent such that the total gallons of re-refined waste oil and re-refined waste oil equivalent input does not exceed the limit specified. During the first ~~365 days~~ **twelve months** of operation under this permit, the input of re-refined waste oil and re-refined waste oil equivalents shall be limited such that the total gallons divided by the accumulated ~~days~~ **months** of operation shall not exceed ~~4,677~~ **142,266.5** U.S. gallons per ~~day~~ **month**. Therefore, the requirements of 326 IAC 2-7 will not apply.

D.1.6 Natural Gas Usage

Pursuant to 326 IAC 2-8-4(1), the input of natural gas to the 103.5 million Btu per hour burner for the aggregate dryer shall be limited, in total, to 354.8 million cubic feet (MMCF) per ~~365 day~~ **twelve-month** period, rolled on a ~~daily~~ **monthly** basis. For purposes of determining compliance, every 1,000 gallons of No. 2 distillate fuel oil burned shall be equivalent to 0.036 MMCF of natural gas based on NO_X emissions and

0.49 percent sulfur content of fuel and every 1,000 gallons of re-refined waste oil burned shall be equivalent to 0.035 MMCF of natural gas based on NO_X emissions and 0.75% sulfur content such that the total MMCF of natural gas and natural gas equivalents input does not exceed the limit specified. During the first ~~365 days~~ **twelve months** of operation under this permit, the input of natural gas and natural gas equivalents shall be limited such that the total MMCF divided by the accumulated ~~days~~ **months** of operation shall not exceed ~~0.972~~ **29.5** MMCF per ~~day~~ **month**. Therefore, the requirements of 326 IAC 2-7 will not apply.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
COMPLIANCE DATA SECTION

FESOP Quarterly Report

Source Name: Milestone Contractors, L.P.
Source Address: 14413 West U.S. 40, Cambridge City, Indiana 47327
FESOP No.: F177-5632-03178
Facility: 103.5 million Btu/hr burner for the aggregate dryer
Parameter: sulfur dioxide (SO_2)
Limits: Sulfur content of No. 2 distillate fuel not to exceed 0.49%; sulfur content of re-refined waste oil not to exceed 0.75%; and 1,707,198 gallons of re-refined waste oil and re-refined waste oil equivalent per 12-month period. For the purposes of determining compliance, every million cubic feet of natural gas burned shall be equivalent to 5.4 gallons of re-refined waste oil based on SO_2 emissions and every 1,000 gallons of No. 2 distillate fuel oil burned shall be equivalent to 626.0 gallons of re-refined waste oil based on SO_2 emissions and a maximum sulfur content of 0.49 percent such that the total gallons of re-refined waste oil and re-refined waste oil equivalent input does not exceed the limit specified. During the first twelve months of operation under this permit, the input of re-refined waste oil and re-refined waste oil equivalents shall be limited such that the total gallons divided by the accumulated months of operation shall not exceed 142,266.5 U.S. gallons per month.

Year: _____

~~Day~~ Month	Fuel Type	Sulfur Content of Fuel Oils (%)	Heat Content of Fuel Oils (Btu/gal)	Re-refined W.O. & Equivalent Fuel Usage (gallons/~~day~~ month)	Re-refined W.O. & Equivalent Fuel Usage last ~~365 Days~~ 12 months (gallons	~~Day~~	~~Fuel Type~~	~~Sulfur Content of Fuel Oils (%)~~	~~Heat Content of Fuel Oils (Btu/gal~~	~~Re-refined W.O. & Equivalent Fuel Usage (gallons /day month)~~	~~Re-refined W.O. & Equivalent Fuel Usage last 365 Days 12 months (gallons)~~
Month 1						~~17~~					
Month 2						~~18~~					
Month 3						~~19~~					
~~4~~						~~20~~					
~~5~~						~~21~~					
~~6~~						~~22~~					
~~7~~						~~23~~					
~~8~~						~~24~~					
~~9~~						~~25~~					
~~10~~						~~26~~					
~~11~~						~~27~~					
~~12~~						~~28~~					
~~13~~						~~29~~					
~~14~~						~~30~~					

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.
Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
Office of Air Quality
COMPLIANCE DATA SECTION

FESOP Quarterly Report

Source Name: Milestone Contractors, L.P.
Source Address: 14413 West U.S. 40, Cambridge City, Indiana 47327
FESOP No.: F177-5632-03178
Facility: 103.5 million Btu/hr burner for the aggregate dryer
Parameter: Oxides of nitrogen (NO_x)
Limits: 354.8 million cubic feet (MMCF) of natural gas and natural gas equivalents per ~~365 day~~ **12-month** period, rolled on a ~~daily~~ **monthly** basis. For purposes of determining compliance, every 1,000 gallons of No. 2 distillate fuel oil with a sulfur content of 0.49% burned shall be equivalent to 0.036 MMCF of natural gas based on NO_x emissions and every 1,000 gallons of re-refined waste oil with a sulfur content of 0.75% burned shall be equivalent to 0.035 MMCF of natural gas based on NO_x emissions.
~~0.97~~ **29.5** MMCF per ~~day~~ **month** for the first ~~365 days~~ **12-month** of operation under this permit.

Year: _____

~~Day~~ Month	Fuel Type	Sulfur Content of Fuel Oils (%)	Heat Content of Fuel Oils (Btu/gal)	Natural Gas & Equivalent Fuel Usage (MMCF/~~day~~ **month)**	Natural Gas & Equivalent Fuel Usage last ~~365 Days~~ **12 months** (MMCF)	~~Day~~	~~Fuel Type~~	~~Sulfur Content of Fuel Oils (%)~~	~~Heat Content of Fuel Oils (Btu/gal~~	~~Natural Gas & Equivalent Fuel Usage (MMCF/day month)~~	~~Natural Gas & Equivalent Fuel Usage last 365 Day 12 months (MMCF)~~
Month 1						~~17~~					
Month 2						~~18~~					
Month 3						~~19~~					
~~4~~						~~20~~					
~~5~~						~~21~~					
~~6~~						~~22~~					
~~7~~						~~23~~					
~~8~~						~~24~~					
~~9~~						~~25~~					
~~10~~						~~26~~					
~~11~~						~~27~~					
~~12~~						~~28~~					
~~13~~						~~29~~					
~~14~~						~~30~~					
~~15~~						~~31~~					
~~16~~											

9 No deviation occurred in this month.

9 Deviation/s occurred in this month.
Deviation has been reported on: _____

Submitted by: _____

Title/Position: _____

Signature: _____

Date: _____